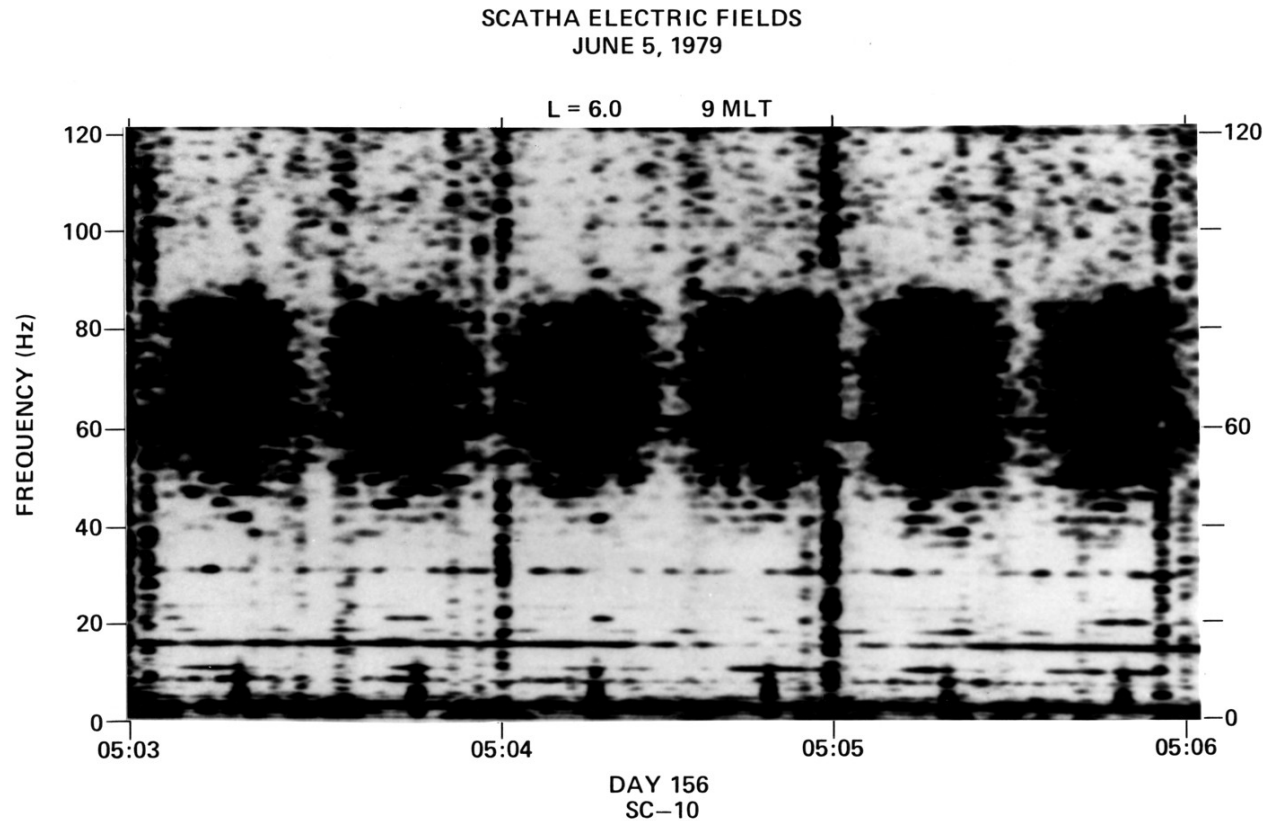


Extra Slides for day 156

From the URSI talk

Plasma Waves

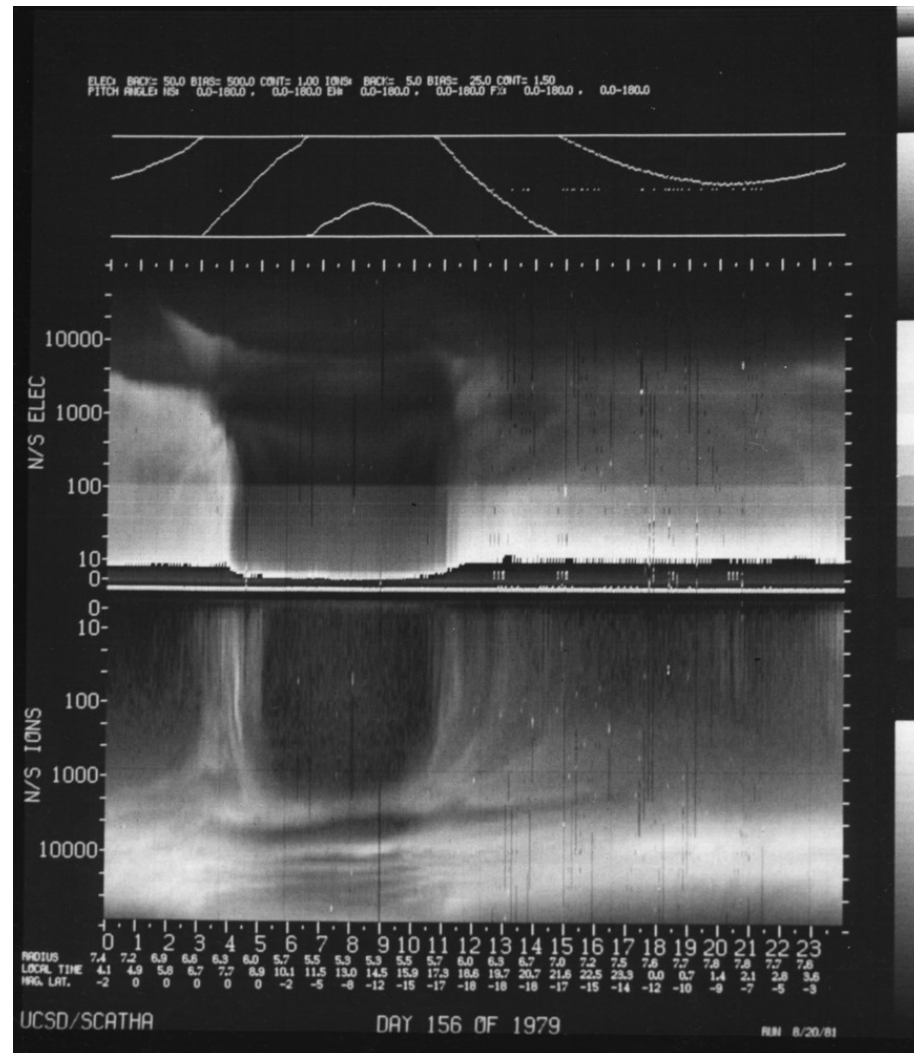
Three satellite rotations (3 minutes) of data are shown. The highly polarized waves are spin modulated. The frequency range is centered a little over 60 Hz. These are ion Bernstein waves, just below the LHR.



UCSD Data

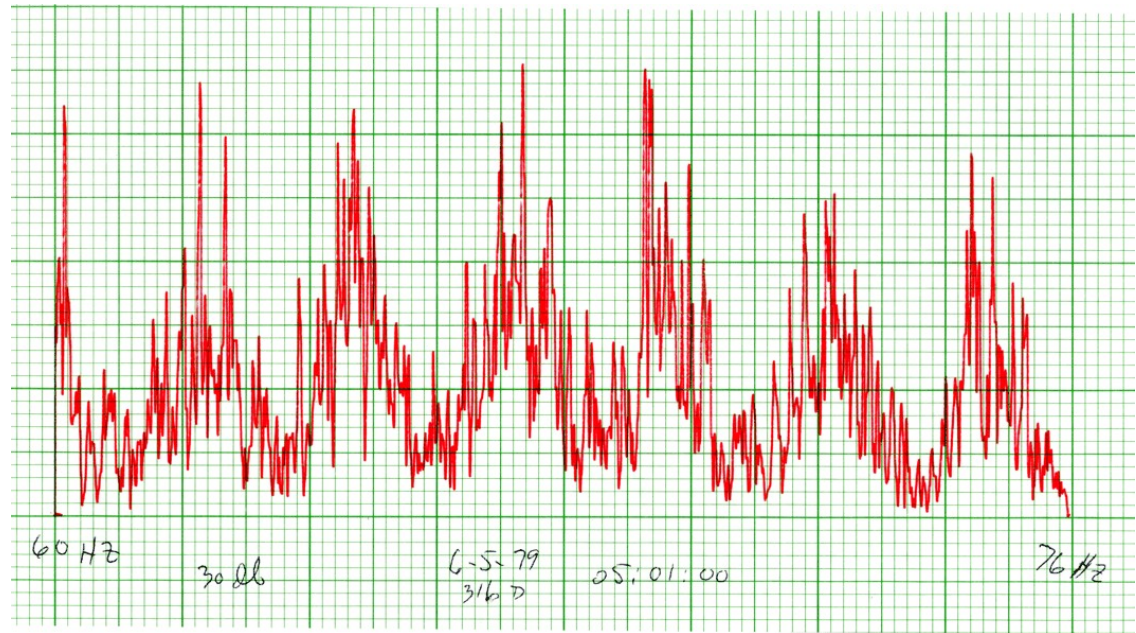
The satellite passes into the plasmasphere as it is crossing the equator at 0500, then crosses back into the plasma sheet several hours later, at much higher magnetic latitude.

No trapped plasmas or waves at the plasmopause crossing at 1130 Z, $18^\circ \lambda_m$



Original graph paper plots

From slide 14 in the main talk, here is the original graph paper version. Love those old ink plotters.



Return to
URSI talk